IN THE SPECIFICATION

Please amend the paragraphs of the specification as follows:

Please replace paragraph [1032] with the following amended paragraph:

[1032] An implementation of the short scrambling sequence generator for the 255 chip sequence to be extended by one chip is illustrated in FIG. 5. The code used for scrambling of the uplink DPCCH/DPDCH may be of either long or short

type. When the scrambling code is formed, different ~~consituent~~ constituent codes are used for the long and short type as defined below. The *n*:th uplink scrambling code for DPCCH/DPDCH, denoted $S_{dpch,\,n}$, is defined as:

$$S_{dpch,n}(i) = C_{long,n}(i),\ i = 0, 1, ..., 38399, \qquad (27)$$

when using long scrambling codes; wherein the lowest index corresponds to the chip transmitted first in time. The *n*:th uplink scrambling code for DPCCH/DPDCH, denoted $S_{dpch,\,n}$, is defined as:

$$S_{dpch,n}(i) = C_{short,n}(i),\ i = 0, 1, ..., 38399, \qquad (28)$$

when using short scrambling codes; wherein the lowest index corresponds to the chip transmitted first in time.

In a high speed data system supporting packetized data communications, a High Speed-Dedicated Physical Control Channel (HS-DPCCH) may be used for uplink transmissions. It is desirable to minimize the Peak-to-Average Ratio (PAR) of the transmitted signal on such a dedicated channel. Depending on the configuration and coding of a given communication system, the [[PAE]] PAR may become very large. Note that the peak power may be subject to a design or

regulatory limit which results in a reduction in the effective range of the transmissions. This is particularly acute in mobile applications where conservation of battery power is a key consideration. In addition, such constraints may result in suboptimum power amplifier ~~amplier~~ operation, i.e., operation below a desired compression point where power is converted most efficiently. The net result is increased expense and inefficient allocation of resources. Therefore, high PAR may present serious drawbacks to the communication system.